










**2,4-Pyrimidinedione derivatives and medicines containing them.****Publication number:** EP0447324**Publication date:** 1991-09-18**Inventor:** FRAISSE LAURENT (FR); LE FUR GERARD (FR);  
VERLHAC JEAN-BAPTISTE (FR)**Applicant:** SANOFI SA (FR); ELF AQUITAINE (FR)**Classification:****- International:** A61K31/505; A61K31/00; A61K31/52; A61K31/522;  
A61P9/00; A61P9/10; A61P25/28; A61P27/02;  
A61P29/00; A61P37/00; A61P37/06; A61P39/00;  
A61P39/06; A61P43/00; C07D239/54; C07D239/545;  
C07D473/04; C07D473/06; A61K31/505; A61K31/00;  
A61K31/519; A61P9/00; A61P25/00; A61P27/00;  
A61P29/00; A61P37/00; A61P39/00; A61P43/00;  
C07D239/00; C07D473/00; (IPC1-7): A61K31/505;  
A61K31/52; C07D239/545; C07D473/06**- European:** C07D239/54C4; C07D473/04; C07D473/06**Application number:** EP19910400699 19910314**Priority number(s):** FR19900003342 19900315**Also published as:** JP4217672 (A)  
 IE910853 (A1)  
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**Cited documents:** FR2232320  
 EP0092398  
 FR2531085  
 US2781344[Report a data error here](#)**Abstract of EP0447324**

These derivatives correspond to the formula in which one of the symbols R1, R2, R3 or R4 denotes a C7-C20 alkyl group and each of the others denotes H or a C1-C3 alkyl group and each of Z1 and Z2 denotes H or together they denote the carbonyl or thiocarbonyl group, and their addition salts with pharmaceutically acceptable acids. Medications.

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